



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 2

290 BROADWAY

NEW YORK, NY 10007-1866

AUG - 3 2016

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Occidental Chemical Corporation
Occidental Tower
5005 LBJ Freeway, Suite 1350
Dallas, TX 75244

Attention: Frank Parigi, Esq.
Vice President and General Counsel
Glenn Springs Holdings, Inc.

Re: Diamond Alkali Superfund Site, Lower Passaic River Study Area
Administrative Order on Consent, Index No. CERCLA 02-2011-2016
Bill for Collection No. 2721626S0042

Dear Mr. Parigi:

The United States Environmental Protection Agency ("EPA") is charged with responding to the release or threatened release of hazardous substances into the environment and with enforcement responsibilities under the Comprehensive Environmental Response, Compensation and Liability Act ("CERCLA"), as amended, 42 U.S.C. § 9601, *et seq.* EPA has documented the release or threat of release of hazardous substances into the Lower Passaic River Study Area portion of the Diamond Alkali Superfund Site. In response to the release or threatened release of hazardous substances, EPA has spent, and will continue to spend, public funds on actions to investigate and control such releases and threatened releases at the site pursuant to Section 104 of CERCLA.

On October 4, 2011, EPA entered into an Administrative Order on Consent ("Order"), Index No. CERCLA 02-2011-2016, with Occidental Chemical Corporation ("OCC") for the performance of the Combined Sewer Overflow/Storm Water Outfall ("CSO-SWO") Investigation. Pursuant to Paragraph 91(a) of this Order, OCC agreed to reimburse EPA for all Future Response Costs, as defined in the Order, incurred by EPA in connection with the CSO-SWO Investigation.

This letter serves as Bill for Collection No. 2721626S0042, covering the period from September 1, 2014 through August 31, 2015.

Enclosure A is a narrative statement describing EPA's oversight and response costs. Enclosure B consists of two itemized cost summaries, referred to as Superfund Cost Recovery Package Imaging and On-Line System ("SCORPIO\$") reports for the Diamond Alkali Site, site identification number 02-96, Operable Unit ("OU") 00 and OU02 CSO-SWO. For the purposes of the SCORPIO\$ reports, OU02 CSO-SWO represents the CSO-SWO Investigation.

Some personnel charged their time to OU00 to represent time spent equally on all OUs. Therefore, the OU00 costs have been apportioned among OU01, OU02 (Occidental Chemical Corporation ["OCC"]/Tierra Solutions, Inc. ["TSI"] Removal and OCC/TSI Combined Sewer Overflow/Storm Water Outfall ["CSO/SWO"] Sampling), OU03 (CPG-lead RI/FS, CPG-lead Removal, and EPA-lead work) and OU04, as described in the enclosure. While all OU00 charges are included in the SCORPIO\$ report for OU00 that appears in Enclosure B, this Bill for Collection includes only those costs that EPA has apportioned to the CSO-SWO Investigation.

EPA certifies that as of August 31, 2015, it has expended at least \$33,769.70 in oversight and response costs relating to the CSO-SWO Investigation.

As per Section XVIII 91.a. of the Order, payment shall be made within thirty (30) days of receipt of this letter via electronic funds transfer ("EFT"). To make this payment, you should instruct your bank to remit payment in the required amount to EPA via EFT accompanied by the following information:

Amount of payment: **\$33,769.70**
EFT to be directed to: **Federal Reserve Bank of New York**
Bank routing number: **021030004**
Bank account number receiving payment: **68010727**
SWIFT address: **FRNYUS33**
Address: **Federal Reserve Bank of New York**
33 Liberty Street
New York, NY 10045
Field tag 4200 of Fedwire message to read (for Fedwire payments):
D 68010727 Environmental Protection Agency
Name of remitter: **Occidental Chemical Corporation**
Case number: **CERCLA 02-2011-2016**
Site name: **Diamond Alkali**
Site/spill identifier: **02-96**

To ensure that your payment is properly recorded, you should send either an email or a letter contemporaneously with the EFT, which references the date of the EFT, the payment amount, the name of the Site, the Site identification number, the case number, and your name and address to:

Alice Yeh, Remedial Project Manager
Special Projects Branch
Emergency & Remedial Response Division
U.S. Environmental Protection Agency, Region 2
290 Broadway, 19th floor
New York, New York 10007-1866
email: yeh.alice@epa.gov

and

Frances Zizila, Assistant Regional Counsel
Office of Regional Counsel
U.S. Environmental Protection Agency, Region 2
290 Broadway, 17th floor
New York, New York 10007-1866
email: zizila.frances@epa.gov

and

Elizabeth McGuffey
U.S. Environmental Protection Agency
26 West Martin Luther King Drive
Attention: FINANCE
MS: NWD2
Cincinnati, Ohio 45268
emails: mcguffey.elizabeth@epa.gov and cinwd_acctsreceivable@epa.gov

The United States reserves its rights to recover any costs paid during the time period covered by this accounting but not included in this billing, and all other oversight and response costs incurred pursuant to the Administrative Order on Consent.

EPA reaffirms its commitment to conduct appropriate and cost-effective oversight of work performed by consenting parties while ensuring protective cleanups. To this end, EPA is prepared to discuss its plans for the oversight of ongoing work at the Site, and to provide you with the opportunity to suggest ways to effectively streamline the work and its oversight.

If you have any questions regarding this matter, please contact Alice Yeh at (212) 637-4427. Legal inquiries should be directed to Frances Zizila at (212) 637-3135. Thank you for your prompt attention to this matter.

Sincerely yours,



Michael Sivak, Acting Branch Chief
Special Projects Branch
Emergency & Remedial Response Division

Enclosures

cc: Enrique Castro, Tierra Solutions, Inc.

ENCLOSURE A

Summary of Costs Paid by EPA

09/01/14 through 08/31/15

Diamond Alkali Superfund Site, Newark, New Jersey

Operable Unit Two – Combined Sewer Overflow/Stormwater Outfall (CSO-SWO) Investigation
Site ID: 02-96

COSTS FOR OU02 CSO-SWO FROM OU02 & OU03 SCORPIO\$ REPORTS

Payroll from OU02 CSO-SWO SCORPIO\$ Report:

These costs consist of direct EPA personnel charges for time spent by EPA employees in overseeing work performed under the Administrative Order on Consent, Index No. CERCLA-02-2011-2016 (“AOC”), including review of technical submissions, meetings and/or conferring with OCC representatives, internal meetings and conferences concerning the CSO-SWO Investigation, community relations/outreach and coordination with Partner Agencies. See enclosed Payroll Section 3 of EPA’s Itemized Cost Summary.

\$ 3,707.63

Interagency Agreement (IAG) for OU02 CSO-SWO (from IAG in 17 Mile SCORPIO\$ Report):

These costs consist of technical support by the U.S. Army Corps of Engineers, Kansas City, for oversight of work performed under this AOC. Some of the costs included in IAG DW96942125 for the voucher numbers listed in Enclosure C are related to oversight of the CSO-SWO Investigation.

\$ 16,899.00

Indirect Costs for OU02 CSO-SWO from OU02 & OU03 SCORPIO\$ Reports:

Indirect costs are those costs which are necessary to the operation of the Superfund program and the support of site cleanup efforts, but which cannot be tied directly to the efforts at any one site. Indirect costs are allocated to particular Superfund sites by means of a methodology established by EPA Headquarters.

$[(\$3,707.63 + \$16,899.00) * 49.2\%]$

\$ 10,138.46

Total Direct and Indirect Costs for OU02 CSO-SWO from OU02 & OU03 SCORPIO\$ Reports:

\$ 30,745.09

COSTS FROM OU00 SCORPIO\$ REPORT

Payroll from OU00 SCORPIO\$ Report:

The OU 00 SCORPIO\$ report includes payroll for OU01, OU02 (OCC/Tierra Solutions, Inc. [TSI] Removal and CSO-SWO Investigation), OU03 (EPA lead activities, Cooperating Parties Group [CPG]-lead Removal and CPG-lead RI/FS) and OU04. Therefore, these costs were divided evenly among the seven components.

[$\$13,384.24$ divided by 7] $\$ 1,912.03$

Other Expenditures from OU00 SCORPIO\$ Report:

The OU 00 SCORPIO\$ report includes charges for contractor support for file storage and maintenance by Ensoftek for OU 01, OU 02 (OCC/TSI Removal and OCC/TSI CSO/SWO Sampling), OU 03 (EPA-lead work, CPG-lead Removal and CPG-lead RI/FS) and OU 04. Therefore, these costs were divided evenly among the seven components.

[$\$806.36$ divided by 7] $\$ 115.19$

OU00 costs not associated with this bill:

The "Systems Research & Applications Corp" charges for contractor support for Community Advisory Group (CAG) facilitation were not related to work performed under this AOC.

Indirect Costs from OU00 SCORPIO\$ Report:

See description above.

[$(\$1,912.03 + \$115.19) * 49.2\%$] $\$ 997.39$

Total Direct and Indirect Costs from OU00 SCORPIO\$ Report apportioned to OU02 CSO-SWO:

$\$ 3,024.61$

OU02 CSO-SWO Bill for Collection Amount

$\$ 30,745.09$
Plus **$\$ 3,024.61$**

$\$ 33,769.70$

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Table of Contents

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 02

OU02 CSO-SWO COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

NARRATIVE COST SUMMARY	Section 1
ITEMIZED COST SUMMARY	Section 2
REGIONAL PAYROLL COSTS	Section 3
EPA INDIRECT COSTS SUMMARY	Section 4
EPA INDIRECT COSTS	Section 5

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Narrative Cost Summary

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 02

OU02 CSO-SWO COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

1. The United States Environmental Protection Agency has incurred at least \$3,707.63 for Regional Payroll Costs.
2. The United States Environmental Protection Agency has incurred at least \$1,824.16 for Indirect Costs.

Total Site Costs:

\$5,531.79

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Itemized Cost Summary

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 02

OU02 CSO-SWO COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

REGIONAL PAYROLL COSTS	\$3,707.63
EPA INDIRECT COSTS	\$1,824.16
Total Site Costs:	<u>\$5,531.79</u>

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Regional Payroll Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 02

OU02 CSO-SWO COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
HICK, PATRICIA	2015	12	0.25	25.29
			0.25	\$25.29
SY, WILLIAM L.	2014	25	4.00	273.40
		26	3.00	205.04
	2015	03	21.00	1,449.15
		04	9.00	621.05
			37.00	\$2,548.64
YEH, ALICE	2014	25	1.00	72.41
	2015	04	1.00	72.91
		09	1.00	78.37
		13	1.00	78.37
		14	1.00	78.37
		15	2.00	156.72
		20	1.00	78.37
		21	2.00	156.72
		23	1.00	78.37
			11.00	\$850.61
ZIZILA, FRANCES	2015	12	0.50	43.56
		13	1.50	130.66
		15	0.25	21.77
		18	1.00	87.10
			3.25	\$283.09
Total Regional Payroll Costs			51.50	\$3,707.63

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 02

OU02 CSO-SWO COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

<u>Fiscal Year</u>	<u>Direct Costs</u>	<u>Indirect Rate(%)</u>	<u>Indirect Costs</u>
2014	550.85	49.20%	271.02
2015	3,156.78	49.20%	1,553.14
	<u>3,707.63</u>		
Total EPA Indirect Costs			<u>\$1,824.16</u>

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 02

OU02 CSO-SWO COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
SY, WILLIAM L.	2014	25	273.40	49.20%	134.51
		26	205.04	49.20%	100.88
			478.44		\$235.39
YEH, ALICE	2014	25	72.41	49.20%	35.63
			72.41		\$35.63
Total Fiscal Year 2014 Payroll Direct Costs:			550.85		\$271.02
Total Fiscal Year 2014:			550.85		\$271.02

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
HICK, PATRICIA	2015	12	25.29	49.20%	12.44
			<u>25.29</u>		<u>\$12.44</u>
SY, WILLIAM L.	2015	03	1,449.15	49.20%	712.98
		04	621.05	49.20%	305.56
			<u>2,070.20</u>		<u>\$1,018.54</u>
YEH, ALICE	2015	04	72.91	49.20%	35.87
		09	78.37	49.20%	38.56
		13	78.37	49.20%	38.56
		14	78.37	49.20%	38.56
		15	156.72	49.20%	77.11
		20	78.37	49.20%	38.56
		21	156.72	49.20%	77.11

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 02

OU02 CSO-SWO COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
YEH, ALICE	2015	23	78.37	49.20%	38.56
			778.20		\$382.89
ZIZILA, FRANCES	2015	12	43.56	49.20%	21.43
		13	130.66	49.20%	64.28
		15	21.77	49.20%	10.71
		18	87.10	49.20%	42.85
			283.09		\$139.27
Total Fiscal Year 2015 Payroll Direct Costs:			3,156.78		\$1,553.14
Total Fiscal Year 2015:			3,156.78		\$1,553.14
Total EPA Indirect Costs					\$1,824.16

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DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

NARRATIVE COST SUMMARY	Section 1
ITEMIZED COST SUMMARY	Section 2
REGIONAL PAYROLL COSTS	Section 3
OTHER EXPENDITURES (OTH)	
ENSOFTEK (EPS21101)	Section 4
TECHNICAL AND ANALYTICAL SUPPORT SERVICE	
SRA INTERNATIONAL, INC. (EPW14020)	Section 5
EPA INDIRECT COSTS SUMMARY	Section 6
EPA INDIRECT COSTS	Section 7

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Narrative Cost Summary

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

1. The United States Environmental Protection Agency has incurred at least \$13,384.24 for Regional Payroll Costs.
2. The United States Environmental Protection Agency has incurred costs of at least \$806.36 for OTHER EXPENDITURES (OTH) contract expenditures. The total represents the amount spent under the ENSOFTEK contract.
3. The United States Environmental Protection Agency has incurred costs of at least \$54,574.64 for TECHNICAL AND ANALYTICAL SUPPORT SERVICE contract expenditures. The total represents the amount spent under the SRA INTERNATIONAL, INC. contract.
4. The United States Environmental Protection Agency has incurred at least \$33,832.52 for Indirect Costs.

Total Site Costs:

\$102,597.76

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Itemized Cost Summary

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

REGIONAL PAYROLL COSTS	\$13,384.24
OTHER EXPENDITURES (OTH)	
ENSOFTEK (EPS21101)	\$806.36
TECHNICAL AND ANALYTICAL SUPPORT SERVICE	
SRA INTERNATIONAL, INC. (EPW14020)	\$54,574.64
EPA INDIRECT COSTS	\$33,832.52
Total Site Costs:	\$102,597.76

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Regional Payroll Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
BENROUBI, ALBERT	2014	26	7.00	418.63
		27	6.00	358.82
	2015	02	6.00	362.53
		03	5.00	302.11
		11	16.00	977.15
		12	6.00	366.43
		14	3.00	183.21
			<u>49.00</u>	<u>\$2,968.88</u>
BUTLER, ELIZABETH	2014	24	1.00	69.20
		25	6.00	424.81
		26	14.00	998.72
	2015	02	4.00	292.65
		03	3.50	256.06
		04	1.50	109.73
		05	1.00	73.16
		08	1.00	72.98
		09	20.00	1,581.97
		10	4.00	316.40
		15	1.00	79.10
		16	1.00	79.10
		22	2.00	158.19
			<u>60.00</u>	<u>\$4,512.07</u>
ESCOBAR, ELBA	2014	27	30.00	1,325.85
	2015	01	22.50	994.36
		02	33.50	1,495.17
		03	1.50	66.94
			<u>87.50</u>	<u>\$3,882.32</u>
HICK, PATRICIA	2014	24	1.25	123.86
		25	1.25	123.86
		26	2.75	272.48
	2015	02	3.25	310.83
		03	0.50	47.84
		05	1.00	95.64

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Regional Payroll Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Hours</u>	<u>Payroll Costs</u>
HICK, PATRICIA	2015	06	0.25	23.91
		07	2.25	225.15
		09	5.25	531.03
		10	0.75	75.86
		12	0.50	50.58
			19.00	\$1,881.04
YU, MEI	2014	27	0.50	35.46
	2015	12	1.50	104.47
			2.00	\$139.93
Total Regional Payroll Costs			217.50	\$13,384.24

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

OTHER EXPENDITURES (OTH)

Contractor Name: ENSOFTEK

EPA Contract Number: EPS21101

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	3	08/06/2014	09/05/2014
	4	01/06/2015	02/05/2015

Project Officer(s): KEATING, ROBERT

Dates of Service: From: 08/06/2014 To: 02/05/2015

Summary of Service: RECORDS MANAGEMENT, DOCUMENT CONTROL

Total Costs: \$806.36

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>
35	09/14/2014	124,025.76	AVC140324 09/26/2014	39.71
40	02/19/2015	131,869.60	AVC150119 03/20/2015	766.65
			Total:	<u>\$806.36</u>

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Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

TECHNICAL AND ANALYTICAL SUPPORT SERVICE

Contractor Name: SRA INTERNATIONAL, INC.

EPA Contract Number: EPW14020

Delivery Order Information	<u>DO #</u>	<u>Start Date</u>	<u>End Date</u>
	11	07/09/2014	07/31/2015

Project Officer(s): MCGOWAN, MICHAEL

Dates of Service: From: 07/09/2014 To: 07/31/2015

Summary of Service: TECHNICAL AND ANALYTICAL SUPPORT SERVICE

Total Costs: \$54,574.64

<u>Voucher Number</u>	<u>Voucher Date</u>	<u>Voucher Amount</u>	<u>Treasury Schedule Number and Date</u>	<u>Site Amount</u>
1	09/15/2014	1,805.95	AVC150003 10/03/2014	1,805.95
2	10/15/2014	5,649.17	AVC150024 11/03/2014	5,649.17
3	11/17/2014	9,143.57	AVC150045 12/03/2014	9,143.57
4	12/15/2014	2,099.81	AVC150065 12/31/2014	2,099.81
5	01/15/2015	8,122.51	AVC150086 02/02/2015	8,122.51
6	02/16/2015	2,213.17	AVC150108 03/05/2015	2,213.17
7	03/16/2015	8,124.04	AVC150125 03/30/2015	8,124.04
8	04/15/2015	1,459.38	AVC150149 05/01/2015	1,459.38
9	05/15/2015	7,531.80	AVC150173 06/05/2015	7,531.80
10	06/15/2015	2,755.37	AVC150194 07/03/2015	2,755.37
11	07/15/2015	3,202.13	AVC150213 07/31/2015	3,202.13
12	08/17/2015	2,467.74	AVC150234 08/31/2015	2,467.74
Total:				<u><u>\$54,574.64</u></u>

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

<u>Fiscal Year</u>	<u>Direct Costs</u>	<u>Indirect Rate(%)</u>	<u>Indirect Costs</u>
2014	4,191.40	49.20%	2,062.19
2015	64,573.84	49.20%	31,770.33
	<u>68,765.24</u>		
Total EPA Indirect Costs			<u>\$33,832.52</u>

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
BENROUBI, ALBERT	2014	26	418.63	49.20%	205.97
		27	358.82	49.20%	176.54
			<u>777.45</u>		<u>\$382.51</u>
BUTLER, ELIZABETH	2014	24	69.20	49.20%	34.05
		25	424.81	49.20%	209.01
		26	998.72	49.20%	491.37
			<u>1,492.73</u>		<u>\$734.43</u>
ESCOBAR, ELBA	2014	27	1,325.85	49.20%	652.32
			<u>1,325.85</u>		<u>\$652.32</u>
HICK, PATRICIA	2014	24	123.86	49.20%	60.94
		25	123.86	49.20%	60.94
		26	272.48	49.20%	134.06
			<u>520.20</u>		<u>\$255.94</u>
YU, MEI	2014	27	35.46	49.20%	17.45
			<u>35.46</u>		<u>\$17.45</u>
Total Fiscal Year 2014 Payroll Direct Costs:			<u><u>4,151.69</u></u>		<u><u>\$2,042.65</u></u>

Certified By Financial Management Office

EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPS21101	35	09/26/2014	39.71	0.00	49.20%	19.54
			39.71	0.00		\$19.54
Total Fiscal Year 2014 Other Direct Costs:			39.71	0.00		\$19.54
Total Fiscal Year 2014:			4,191.40			\$2,062.19

PAYROLL DIRECT COSTS

Employee Name	Fiscal Year	Pay Period	Payroll Costs	Ind. Rate (%)	Indirect Costs
BENROUBI, ALBERT	2015	02	362.53	49.20%	178.36
		03	302.11	49.20%	148.64
		11	977.15	49.20%	480.76
		12	366.43	49.20%	180.28
		14	183.21	49.20%	90.14
			2,191.43		\$1,078.18
BUTLER, ELIZABETH	2015	02	292.65	49.20%	143.98
		03	256.06	49.20%	125.98
		04	109.73	49.20%	53.99
		05	73.16	49.20%	35.99
		08	72.98	49.20%	35.91
		09	1,581.97	49.20%	778.33
		10	316.40	49.20%	155.67
		15	79.10	49.20%	38.92
		16	79.10	49.20%	38.92
		22	158.19	49.20%	77.83
			3,019.34		\$1,485.52

Certified By Financial Management Office

EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

PAYROLL DIRECT COSTS

<u>Employee Name</u>	<u>Fiscal Year</u>	<u>Pay Period</u>	<u>Payroll Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
ESCOBAR, ELBA	2015	01	994.36	49.20%	489.23
		02	1,495.17	49.20%	735.62
		03	66.94	49.20%	32.93
			2,556.47		\$1,257.78
HICK, PATRICIA	2015	02	310.83	49.20%	152.93
		03	47.84	49.20%	23.54
		05	95.64	49.20%	47.05
		06	23.91	49.20%	11.76
		07	225.15	49.20%	110.77
		09	531.03	49.20%	261.27
		10	75.86	49.20%	37.32
		12	50.58	49.20%	24.89
	1,360.84		\$669.53		
YU, MEI	2015	12	104.47	49.20%	51.40
			104.47		\$51.40
Total Fiscal Year 2015 Payroll Direct Costs:			9,232.55		\$4,542.41

OTHER DIRECT COSTS

<u>Contract, IAG, SCA, Misc.NO</u>	<u>Voucher Number</u>	<u>Treasury Schedule Date</u>	<u>Site Amount</u>	<u>Annual/SMO Allocation Costs</u>	<u>Ind. Rate (%)</u>	<u>Indirect Costs</u>
EPS21101	40	03/20/2015	766.65	0.00	49.20%	377.19
			<u>766.65</u>	<u>0.00</u>		<u>\$377.19</u>
EPW14020	1	10/03/2014	1,805.95	0.00	49.20%	888.53
	2	11/03/2014	5,649.17	0.00	49.20%	2,779.39

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EPA Indirect Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 00, Blank

COSTS 09/01/2014 - 08/31/2015 (PP24/FY14-PP23/FY15)

OTHER DIRECT COSTS

Contract, IAG, SCA, Misc.NO	Voucher Number	Treasury Schedule Date	Site Amount	Annual/SMO Allocation Costs	Ind. Rate (%)	Indirect Costs
EPW14020	3	12/03/2014	9,143.57	0.00	49.20%	4,498.64
	4	12/31/2014	2,099.81	0.00	49.20%	1,033.11
	5	02/02/2015	8,122.51	0.00	49.20%	3,996.27
	6	03/05/2015	2,213.17	0.00	49.20%	1,088.88
	7	03/30/2015	8,124.04	0.00	49.20%	3,997.03
	8	05/01/2015	1,459.38	0.00	49.20%	718.01
	9	06/05/2015	7,531.80	0.00	49.20%	3,705.65
	10	07/03/2015	2,755.37	0.00	49.20%	1,355.64
	11	07/31/2015	3,202.13	0.00	49.20%	1,575.45
	12	08/31/2015	2,467.74	0.00	49.20%	1,214.13
			54,574.64	0.00		\$26,850.73
Total Fiscal Year 2015 Other Direct Costs:			55,341.29	0.00		\$27,227.92
Total Fiscal Year 2015:			64,573.84			\$31,770.33
Total EPA Indirect Costs						\$33,832.52

Certified By Financial Management Office

Contract Costs

DIAMOND ALKALI, NEWARK, NJ SITE ID = 02 96

Operable Unit(s): 03

OU03-17 MILE COSTS 09/01/2014-08/31/2015 (PP24/FY14-PP23/FY15)

INTERAGENCY AGREEMENT (IAG)

Federal Agency: ARMY CORPS OF ENGINEERS

IAG Number: DW96942125

Project Officer(s):

Dates of Service: From: 06/02/2014 To: 07/01/2015

Summary of Service:

Total Costs: \$1,579,143.14

Voucher Number	Voucher Date	Voucher Amount	Treasury Schedule Number and Date	Site Amount
27068403	08/28/2014	207,693.46	AVC140323 09/25/2014	207,693.46
27068832	09/03/2014	142,679.95	AVC140323 09/25/2014	142,679.95
27069295	01/28/2015	136,571.96	AVC150095 02/13/2015	136,571.96
27069750	02/03/2015	9,871.62	AVC150095 02/13/2015	9,871.62
27070208	03/25/2015	168,040.12	AVC150126 03/31/2015	168,040.12
27070621	03/25/2015	7,793.12	AVC150133 04/09/2015	7,793.12
27071035	06/13/2015	203,628.62	AVC150185 06/22/2015	203,628.62
27071484	06/16/2015	25,935.87	AVC150185 06/22/2015	25,935.87
27071897	06/22/2015	13,205.48	AVC150195 07/07/2015	13,205.48
27072333	06/27/2015	234,292.69	AVC150195 07/07/2015	234,292.69
27072795	07/27/2015	103,063.80	AVC150219 08/10/2015	103,063.80
27073251	07/29/2015	162,742.07	AVC150222 08/13/2015	162,742.07
27073701	08/10/2015	163,624.38	AVC150224 08/17/2015	163,624.38
Total:				<u>\$1,579,143.14</u>

CDM - Contract W912DQ-11-D-3004 - Task Order 0005
WO 6 CSO/SWO Sampling Oversight - Summary of Costs - WAD 2/WO 6
Updated: 16 December 2015

WAD	WORK ORDER	WORK ELEMENT	REFERENCE EPA BILL NUMBER	DESCRIPTION	AUTH TOTAL	COST THIS PERIOD
From Invoice No. 24 for period from 30 Mar to 26 Apr 14						
2	6	1	27068403	2.6.1 Planning Documents Review	\$ 66,132	\$ -
2	6	2		2.6.2 CDM Work Plan Preparation	\$ 19,050	\$ -
2	6	3		2.6.3 Laboratory Analysis and Coordination	\$ 8,525	\$ -
2	6	4		2.6.4 Field Oversight and Collection of Split Samples	\$ 118,171	\$ 1,223
2	6	5		2.6.5 Split Sample Comparison Report	\$ 10,794	\$ -
From Invoice No. 25 for period from 27 Apr to 24 May 14						
2	6	1	27068832	2.6.1 Planning Documents Review	\$ 66,132	\$ 739
2	6	2		2.6.2 CDM Work Plan Preparation	\$ 19,050	\$ -
2	6	3		2.6.3 Laboratory Analysis and Coordination	\$ 8,525	\$ -
2	6	4		2.6.4 Field Oversight and Collection of Split Samples	\$ 118,171	\$ 410
2	6	5		2.6.5 Split Sample Comparison Report	\$ 10,794	\$ -
From Invoice No. 26 for period from 25 May to 28 Jun 14						
2	6	1	27069295	2.6.1 Planning Documents Review	\$ 66,132	\$ (773)
2	6	2		2.6.2 CDM Work Plan Preparation	\$ 19,050	\$ -
2	6	3		2.6.3 Laboratory Analysis and Coordination	\$ 8,525	\$ 40
2	6	4		2.6.4 Field Oversight and Collection of Split Samples	\$ 118,171	\$ 1,854
2	6	5		2.6.5 Split Sample Comparison Report	\$ 10,794	\$ -
From Invoice No. 27 for period from 29 Jun to 26 Jul 14						
2	6	1	27070208	2.6.1 Planning Documents Review	\$ 66,132	\$ -
2	6	2		2.6.2 CDM Work Plan Preparation	\$ 19,050	\$ -
2	6	3		2.6.3 Laboratory Analysis and Coordination	\$ 8,525	\$ -
2	6	4		2.6.4 Field Oversight and Collection of Split Samples	\$ 118,171	\$ -
2	6	5		2.6.5 Split Sample Comparison Report	\$ 10,794	\$ -
From Invoice No. 28 for period from 27 Jul to 23 Aug 14						
2	6	1	27070208	2.6.1 Planning Documents Review	\$ 66,132	\$ 813
2	6	2		2.6.2 CDM Work Plan Preparation	\$ 19,050	\$ -
2	6	3		2.6.3 Laboratory Analysis and Coordination	\$ 8,525	\$ -
2	6	4		2.6.4 Field Oversight and Collection of Split Samples	\$ 118,171	\$ 369
2	6	5		2.6.5 Split Sample Comparison Report	\$ 10,794	\$ -
From Invoice No. 29 for period from 24 Aug to 27 Sep 14						
2	6	1	27071035	2.6.1 Planning Documents Review	\$ 66,132	\$ (813)
2	6	2		2.6.2 CDM Work Plan Preparation	\$ 19,050	\$ -
2	6	3		2.6.3 Laboratory Analysis and Coordination	\$ 8,525	\$ -
2	6	4		2.6.4 Field Oversight and Collection of Split Samples	\$ 118,171	\$ 2,182
2	6	5		2.6.5 Split Sample Comparison Report	\$ 10,794	\$ -
From Invoice No. 30 for period from 28 Sep to 25 Oct 14						
2	6	1	27071035	2.6.1 Planning Documents Review	\$ 66,132	\$ -
2	6	2		2.6.2 CDM Work Plan Preparation	\$ 19,050	\$ -
2	6	3		2.6.3 Laboratory Analysis and Coordination	\$ 8,525	\$ -
2	6	4		2.6.4 Field Oversight and Collection of Split Samples	\$ 118,171	\$ 1,133
2	6	5		2.6.5 Split Sample Comparison Report	\$ 10,794	\$ -
From Invoice No. 31 for period from 26 Oct to 29 Nov 14						
2	6	1	27072333	2.6.1 Planning Documents Review	\$ 66,132	\$ (180)
2	6	2		2.6.2 CDM Work Plan Preparation	\$ 19,050	\$ -
2	6	3		2.6.3 Laboratory Analysis and Coordination	\$ 8,525	\$ 123
2	6	4		2.6.4 Field Oversight and Collection of Split Samples	\$ 118,171	\$ 477
2	6	5		2.6.5 Split Sample Comparison Report	\$ 10,794	\$ -
From Invoice No. 32 for period from 30 Nov 14 - 3 Jan 15						
2	6	1	27072333	2.6.1 Planning Documents Review	\$ 66,132	\$ -
2	6	2		2.6.2 CDM Work Plan Preparation	\$ 19,050	\$ -
2	6	3		2.6.3 Laboratory Analysis and Coordination	\$ 8,525	\$ 259
2	6	4		2.6.4 Field Oversight and Collection of Split Samples	\$ 118,171	\$ 222
2	6	5		2.6.5 Split Sample Comparison Report	\$ 10,794	\$ -
From Invoice No. 33 for period from 4 Jan - 31 Jan 15						
2	6	1	27072333	2.6.1 Planning Documents Review	\$ 66,132	\$ 590
2	6	2		2.6.2 CDM Work Plan Preparation	\$ 15,450	\$ -
2	6	3		2.6.3 Laboratory Analysis and Coordination	\$ 8,525	\$ 74
2	6	4		2.6.4 Field Oversight and Collection of Split Samples	\$ 118,171	\$ -
2	6	5		2.6.5 Split Sample Comparison Report	\$ 10,794	\$ -
From Invoice No. 34 for period from 1 Feb - 28 Feb 15						
2	6	1	27072795	2.6.1 Planning Documents Review	\$ 66,132	\$ -
2	6	2		2.6.2 CDM Work Plan Preparation	\$ 15,450	\$ -
2	6	3		2.6.3 Laboratory Analysis and Coordination	\$ 8,525	\$ 74
2	6	4		2.6.4 Field Oversight and Collection of Split Samples	\$ 118,171	\$ -
2	6	5		2.6.5 Split Sample Comparison Report	\$ 10,794	\$ -

Lower Passaic River
CSO/SWO Costs

Updated: 16 December 2015

WAD	WORK ORDER	WORK ELEMENT	REFERENCE EPA BILL NUMBER	DESCRIPTION	AUTH TOTAL	COST THIS PERIOD
From Invoice No. 35 for period from 1 Mar - 4 Apr 15						
2	6	1	27073251	2.6.1 Planning Documents Review	\$ 66,132	\$ 4,113
2	6	2		2.6.2 CDM Work Plan Preparation	\$ 15,450	\$ -
2	6	3		2.6.3 Laboratory Analysis and Coordination	\$ 8,525	\$ 74
2	6	4		2.6.4 Field Oversight and Collection of Split Samples	\$ 118,171	\$ -
2	6	5		2.6.5 Split Sample Comparison Report	\$ 10,794	\$ -
From Invoice No. 36 for period from 5 Apr - 2 May 15						
2	6	1	27073701	2.6.1 Planning Documents Review	\$ 66,132	\$ 3,529
2	6	2		2.6.2 CDM Work Plan Preparation	\$ 1,395	\$ -
2	6	3		2.6.3 Laboratory Analysis and Coordination	\$ 8,525	\$ -
2	6	4		2.6.4 Field Oversight and Collection of Split Samples	\$ 118,171	\$ -
2	6	5		2.6.5 Split Sample Comparison Report	\$ 5,794	\$ -

Total CDM Cost for CSO/SWO; EPA Bills #27068403 to 27073701		\$ 16,532
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EPA Bill Number	Dates of EPA Bill	Corps Labor
27068403	2 Jun - 1 Jul 14	\$ 33
27068832	1 Jul - 1 Aug 14	\$ -
27069295	1 Aug - 2 Sep 14	\$ 33
27069750	2 Sep - 2 Oct 14	\$ 32
27070208	2 Oct - 3 Nov 14	\$ -
27070621	3 Nov - 1 Dec 14	\$ -
27071035	1 Dec 14 - 2 Jan 15	\$ -
27071484	2 Jan - 2 Feb 15	\$ -
27071897	2 Feb - 2 Mar 15	\$ -
27072333	2 Mar - 1 Apr 15	\$ -
27072795	1 Apr - 1 May 15	\$ 67
27073251	1 May - 1 Jun 15	\$ -
27073701	1 Jun - 1 Jul 15	\$ 202
Total Corps Cost for CSO/SWO; EPA Bills #27068403 to 27073701		\$ 367

Total CDM and Corps Cost for CSO/SWO; EPA Bills #27068403 to 27073701		\$ 16,899
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